

AMENDMENTS TO THE SPECIFICATION

Please replace the first paragraph which appears on page 8, line 1 and ends on line 11, with the following rewritten paragraph:

To produce the fluid mixture F12, according to the invention, the fluid F1 is first caused to flow through fluid line L1 into fluid line L3, with a predeterminable volumetric or mass flow rate of fluid F1 being set by means of a first flow adjuster SG1, which is inserted in fluid line L1. After a predeterminable quantity of fluid F1 has flowed, the flow of fluid F1 is set to zero by means of flow adjuster SG1, and fluid F2 is subsequently caused to flow through fluid line L2 into fluid line L3. A predeterminable volumetric or mass flow rate of fluid ~~[[F3]]~~ F2 is set in analogous fashion by means of a second flow adjuster SG2, which is inserted in fluid line L2. The flow adjusters SG1, SG2 may be, for example, electrically controllable pumps, preferably piston or gear pumps, or electrically operated valves.

Please replace the third paragraph which appears on page 10, line 17 and ends on line 22, with the following rewritten paragraph:

For the exchange of measurement data, particularly for the reception of the set point QW21, the second functional unit, formed by flowmeter MG2 and flow controller RG2, is coupled with the first functional unit, formed by flowmeter MG1 and flow controller ~~[[MG1]]~~ RG1, via a measurement data line, which is preferably implemented by means of the fieldbus BUS but may also be a data line directly connecting the two flow controllers RG1, RG2.